

**AN IMPLANTABLE CARDIAC DISEASE MANAGEMENT DEVICE WITH
TRIGGER-STORED POLYSOMNOGRAM AND PHONOCARDIOGRAM**

ABSTRACT OF THE DISCLOSURE

5 Currently, brady, tachy and CRT devices all provide stored electrograms that
record ambulatory electrograms with programmable trigger mechanisms. The present
invention comprises an implantable device with additional capability that can store
polysomnograms and phonocardiograms. The polysomnograms can be obtained from an
10 independent sensor of the type used in minute ventilation-based rate-adaptive pacemakers.
The phonocardiograms are obtained from an accelerometer transducer or other type
sensors that can detect heart sound.